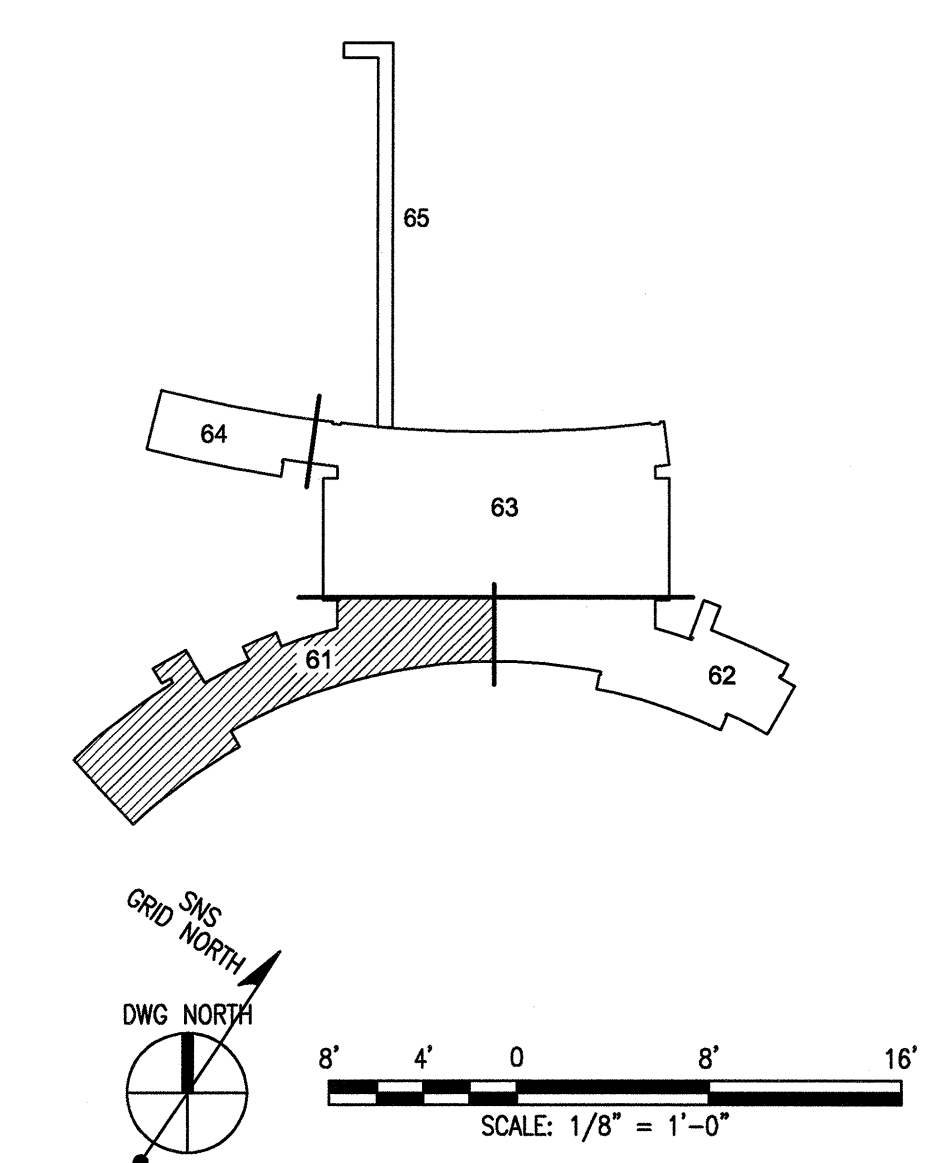


- GENERAL NOTES:**
1. CONNECT ALL CIRCUITS TO PANEL 1R2A UNLESS NOTED OTHERWISE.
- KEYNOTES:**
- N001 SEE DRAWING E8.10.41 FOR ENLARGED PLAN OF THIS AREA.
 - N002 CONNECT ALL CIRCUITS FOR FAN POWERED HOT WATER TERMINAL UNITS TO PANEL 1R2A (TYP. 5).
 - N003 CONNECT ALL RECEPTACLE CIRCUITS WITHIN THIS AREA TO PANEL 1R2B UNLESS NOTED OTHERWISE. SEE SHEN, MILSON & WILKE CONSULTANTS DWG. N2.01.81 FOR ADDITIONAL POWER REQUIREMENTS.
 - N004 CONNECT 208VAC, 200A, 3PH, 4 WIRE FEEDER (W/150K RATED NEUTRAL) AND DISCONNECT SWITCH FOR AUDITORIUM LIGHTING TO PANEL B13PFB. (LIGHTING PANEL AND FINAL CONNECTION BY OTHERS)
 - N005 CONNECT 208/120V, 30AMP, 3PH, 4 WIRE FEEDER AND DISCONNECT SWITCH FOR AUDITORIUM EMERGENCY TRANSFER PANEL TO PANEL 1E3A. (TRANSFER PANEL AND FINAL CONNECTION BY OTHERS)
 - N006 MOUNT 12" BELOW FINISHED CEILING FOR MOTORIZED PROJECTOR SCREEN.
 - N007 CONNECT 277/480VAC, 60A, 3PH, 4 WIRE FEEDER AND DISCONNECT SWITCH FOR CONTROL ROOM LIGHTING TO RISER 2. (LIGHTING PANEL AND FINAL CONNECTION BY OTHERS)
 - N008 CONNECT 277/480 VAC, 30A, 3PH, 4 WIRE FEEDER AND DISCONNECT SWITCH FOR EMERGENCY CONTROL ROOM LIGHTING TO PANEL B1E3A. (LIGHTING PANEL AND FINAL CONNECTION BY OTHERS)



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Knight Advanced Technology

Oak Ridge National Laboratory

managed for the DEPARTMENT OF ENERGY under

U.S. GOVERNMENT contract DE-AC05-00OR22725

UT-Battelle, LLC, c/o Oak Ridge, Tennessee

PROJECT NAME:

SPALLATION NEUTRON SOURCE

CENTRAL LAB AND OFFICE BUILDING

ELECTRICAL POWER PLAN

LEVEL 1, SECTOR 61 ALTERNATE 1

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8800	1	1	P	U	
51	52	53								
NC	NA	WS			1.8.3.14				E4.01.61.A1	REV 0

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NUMBER OF SECTION OR DETAIL

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 4

ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0		CERTIFIED FOR CONSTRUCTION - 12/20/01																								
1	12/17/01																									

RPE

DSN D.DANIELSON 12/20/01

DRW J. BROWN 12/20/01

CHK R. LENING 12/20/01

DEPT

PE

PJ

REQ

0

12-17-01

REV

DATE

LITB

DRAWING APPROVALS